

AMILO Mini Ui 3520

The ultra-small and stylish companion on the move

Issue August 2008

Version 2

Pages 5

Enjoy your mobile lifestyle with this small and lightweight netbook, whenever and wherever you are.

Key Features

Processor technology

- Intel® Atom™ N270 processor technology for purpose-built low-power ultra-mobile devices and enhanced battery runtime

Operating System

- Microsoft® Windows® XP Home Edition (SP3)

Mobility

- 8.9-inch LCD WSVGA non-glare display, perfect for outdoor usage
- Enjoy up to 4 hours battery runtime and no need for a socket
- Small size (232.4 x 175 x 29 / 35.8 mm) and lightweight (~ 1 kg)

Multimedia and Entertainment

- Integrated 1.3 megapixels webcam and built-in digital array microphone are perfect for video conferencing and Internet telephony (VoIP)
- Surf the Internet and check your e-mails when and wherever you want thanks to the integrated Wireless LAN
- Synchronize the calendars of your AMILO Mini and your mobile phone via Bluetooth® connection

Connectivity

- 4-in-1 card reader for easy access to pictures, movies and more
- ExpressCard slot (34 mm) e.g. for an UMTS-card
- 2x USB 2.0 ports for UMTS sticks or any other kind of accessories

Accessories

- Clip-on covers in different colors
- Optical disc drive with Nero software suite for DVD playback and CD/DVD burning
- 6-cell battery for an extended battery runtime (available from Dec 2008)



Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Operating system¹ and Recovery

| | |
|------------------|--|
| Operating system | Genuine Microsoft® Windows® XP Home Edition (SP3) |
| Recovery | Recovery media and Drivers and Utility on CD or DVD are included |

System Architecture

| | |
|----------|-----------------------------|
| Platform | Intel® processor technology |
| Chipset | Intel® 945GSE |

Processor²

| | |
|-------------------|---------------------------------------|
| Intel® Atom™ N270 | 1.6 GHz, 533 MHz FSB, 512 KB L2 cache |
|-------------------|---------------------------------------|

Memory

| | |
|------------------|-----------|
| Memory speed | 533 MHz |
| Memory type | DDR 2 RAM |
| Memory modules | 1024 MB |
| Max. memory size | 1024 MB |

Drives**Hard disk drive**

| | |
|---------------------------|-------------------------------|
| HDD type | PATA |
| HDD size | 1.8-inch |
| HDD speed | 4200 rpm |
| HDD cache | 2 MB |
| HDD capacity ¹ | 60, 80 or 120 ² GB |

Display

| | |
|-------------------------------|---|
| Display type | LCD, non-glare |
| Display size | 8.9-inch |
| Display resolution (internal) | 1024 x 600 pixels |
| Display resolution (external) | Up to 2048 x 1536 |
| Resolution type | WSVGA |
| Reaction time (rise/fall) | 5/20 ms |
| Brightness (typ.) | 220 NIT |
| Contrast (typ.) | 500 : 1 |
| Features | Dual display support to use the internal and an external display concurrent or simultaneously |
| Compliance with standards | ISO 13406-2 class II |

Graphics

| | |
|----------------------------------|---|
| Graphic card full name | - |
| Dedicated video memory | - |
| Onboard graphics chip | Intel® Graphics Media Accelerator 950 |
| Shared video memory ³ | Up to 128 MB shared memory ³ |
| Features | ■ DirectX® 9 support |

Interfaces

| | |
|--------------|--|
| Video | 1x VGA |
| Audio | 1x line in combined with microphone in; 1x headphone out |
| Network | 1x LAN (RJ-45) |
| Data | 2x USB 2.0, 1x ExpressCard slot (34 mm) 1x 4-in-1 card reader (SD/SDHC, MS, MSPRO, MMC) |
| Power supply | 1x DC-in |

Communication

| | |
|---|--|
| Integrated Bluetooth® | 2.1 |
| LAN (Local Area Network) | 10 / 100 Mbps |
| Built-in WLAN (Wireless Local Area Network) | Yes |
| WLAN type | 802.11b/g |
| WLAN max. connect rate | Up to 54 Mbps |
| WLAN encryption | WEP, WPA and WPA2 |
| For use in | BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY |

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Multimedia

Audio

Audio chip

Speakers

Microphone

Input device

Support of HD audio

Realtek ALC269

2x built-in speakers (1.5 W each)

Built-in digital microphone (2x microphones)

Sound volume control via function key

AMILOcam

Image sensor

Frames per second

Features

1.3 mega pixels webcam

30⁴

- Auto focus

- Automatic brightness adjustment with status LED (on / off / busy)

Input devices / Control buttons

Power button

Located on top of the keyboard

Keyboard

Keyboard with 85 keys

Touchpad

Touchpad, with left and right mouse button

touchpad disable function via function key combination (Fn+F6)

Hot keys

The following hot keys or key combinations are available

- Fn+F1 WLAN/Bluetooth® on/off

- Fn+F2 No function / user selectable

- Fn+F3 Mute on / off

- Fn+F4 Volume down

- Fn+F5 Volume up

- Fn+F6 Touchpad on / off

- Fn+F7 Camera on / off

- Fn+F8 Brightness down

- Fn+F9 Brightness up

- Fn+F10 Display switch

- Fn+F11 Silent mode

- Fn+F12 S3 Sleep mode

Status indicators

The notebook has 3 status LEDs:

- Power status (& suspend)

Blue (always on): on; Blue blinking: stand by, None: off

- Battery charge

Blue (always on): full; Blue blinking: charging

- WLAN / Bluetooth®

Blue: on; None: off

Security

Supervisor and user password

Yes

Kensington lock

No

Lid switch (hidden)

Yes

ACPI functions

ACPI 3.0 compliant for Vista requirement

- S1 LCD off

- S3 save to RAM

- S4 save to disk

- S5 soft off

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Power System**Battery⁵**

Battery type¹ Lithium-Ion battery
4 cells, 14.4 V / 2200 mAh (cell)

Battery runtime (idle mode)⁶ Up to 4:25 hours
 Battery runtime (Internet surfing over WLAN) Up to 2:35 hours
 Battery charging time (idle mode)⁷ Up to 1:30 hours
 Battery charging time (maximum active mode)⁸ Up to 1:40 hours
 Battery charging time (off mode)⁹ Up to 1:20 hours

Energy consumption

S0 (idle mode) ~ 12 W
 S0 (max. active mode)¹⁰ ~ 19 W
 S3 (stand by / energy saving mode) ~ 1.1 W
 S4 (hibernate) ~ 0.9 W
 S5 (off mode) ~ 0.5 W

Noise emission

Idle mode¹¹ 27.5 dBA / 0.46 Sone (silent mode off)
 Maximum active mode¹² 30.5 dBA / 0.77 Sone (silent mode off)

AC Adapter

Wide Range AC adapter Dynamic charge supported, ACPI 3.0 supported
 110 - 240 V AC, 50 - 60 Hz
 Output 40 W with 20 V DC, 2 A

Operating conditions

Operational 5 °C to 35 °C (ambient temperature)
 10 % to 90 % relative humidity, non-condensing
 AC input 100 - 240 V, 50 - 60 Hz

Dimensions and weight

W x D x H 232.4 x 175 x 29 (front) / 35.8 (back) mm
 Weight ~ 1 kg¹³

Certifications

CE Marking
 R&TTE (WLAN, Bluetooth®)
 GOST (WLAN)

Warranty

Country specific terms

Operational Software

Home office Adobe Reader
 CyberLink YouCam

Multimedia Windows Media Player (within Windows® XP operating system)

Optional¹
 Nero 7.8 Essentials (CD/DVD burn and DVD playback software) only with additional ODD

Internet Microsoft® Internet Explorer
 Country specific Internet provider

Security Norman security software solution

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Supplied Accessories

| | |
|----------|---|
| Included | AC adapter 40 W First Battery 4 cells Clip-on cover (red) |
| Manuals | Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide |
| Drivers | Updates downloadable at http://www.fujitsu-siemens.com |

Accessories**Optical disc drive (USB)**

| | |
|-----------------|---|
| ODD type | USB |
| ODD technology | SuperMulti-format DVD burner with dual double layer (DL) support |
| ODD read speed | CD-ROM 24x, DVD-ROM 8x |
| ODD write speed | CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x |

| | |
|----------------------|---|
| Application software | Nero 7.8 Essentials (CD/DVD burn and DVD playback software) |
|----------------------|---|

| | |
|--------------|-------------------|
| Order number | S26391-F7119-L100 |
|--------------|-------------------|

Clip-on cover

| | |
|--|---------------------------------|
| Pink and transparent | Order number: S26391-F7140-L111 |
| Red and transparent | Order number: S26391-F7140-L110 |
| Black (glossy) and transparent | Order number: S26391-F7140-L113 |
| Copper / golden (glossy) and transparent | Order number: S26391-F7140-L114 |
| Dark blue (glossy) and transparent | Order number: S26391-F7140-L112 |

Battery

| | |
|--------------|---|
| Battery type | 6 cells ² , 11.1 V / 5200 mAh (pack) |
| Order number | tbc |

¹ Depending on exact configuration. Please check at your local retailer

² Available from December 2008

³ Shared video memory size may vary depending on configuration and the version of the operating system. The video memory size that is displayed in the system information software, as well as the actually used video memory size depends on Microsoft® Windows Vista® memory management. The following values might serve as orientation

- 1024 MB system memory enables up to 128 MB total video memory (dedicated plus shared memory)

⁴ AMILOcam frame rate can vary significantly depending on the used software application

⁵ DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook

⁶ Tested with Battery Mark 4.0.1 ("power saver mode")

⁷ Duration for 100%, started battermon.exe in parallel

⁸ Tested with 3DMark 2003 (duration for 100%) – started battermon.exe in parallel

⁹ Duration for 100%

¹⁰ Tested with 3DMark 2006

¹¹ Tested according to ISO 7779 and ISO 9296

¹² Tested according to ISO 7779 and ISO 9296

¹³ Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.